EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S45	40804	link$3 with (two seperate additional another second next) with (tree graph data)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 17:10
S46	2882	((717/105,125) or (715/764,771,853, 854)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/12 10:52
S47	216	S45 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 16:58
S48	595	link with (two seperate additional) with tree	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 16:58
S49	12	S46 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 16:58
S50	2336	link$3 with (two seperate additional another second next) with (tree graph)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 17:20
S51	50	S46 and S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 17:10
S52	1099	join$3 with (two seperate additional another second next) with (tree graph)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 17:20
S53	4	S46 and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/11 17:20

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S54	1	("6654759").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/12 09:57
S55	1936	((717/105,125,127) or (715/767,771, 854)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/12 11:15
S56	14	hyperbolic and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/12 11:16

Term used **hyperbolic** Found **939** of **176,279**

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Peter Pirolli, Stuart K. Card, Mija M. Van Der Wege
March 2003 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 10 Issue 1
Publisher: ACM Press
Full text available: pdf(2.37 MB) Additional Information: full citation, abstract, references, index terms

The Hyperbolic Tree is a focus + context information visualization that has been developed to amplify users' ability to navigate large tree-structured information systems. Information scent is a theoretical construct that captures one kind of interaction between task and display. Information scent is provided by task-relevant display cues, such as node labels on a tree that influence a user's visual search behavior and navigation decisions. An empirical Accuracy of Scent (AOS) score was develope ...

Keywords: Hyperbolic Tree, Information visualization, fisheye-lens visual search, focus+context, information foraging, information scent, interactive computer graphics

2 A focus+context technique based on hyperbolic geometry for visualizing large hierarchies
John Lamping, Ramana Rao, Peter Pirolli
May 1995 **Proceedings of the SIGCHI conference on Human factors in computing systems**
Publisher: ACM Press/Addison-Wesley Publishing Co.
Full text available: html(38.68 KB) Additional Information: full citation, references, citings, index terms

3 Visualizing hyperbolic space: unusual uses of 4x4 matrices
Mark Phillips, Charlie Gunn
June 1992 **Proceedings of the 1992 symposium on Interactive 3D graphics**
Publisher: ACM Press
Full text available: pdf(665.48 KB) Additional Information: full citation, references, citings, index terms

4 Visualizing trees with a hyperbolic projection in one dimension
Alexander Kolliopoulos
April 2003 **Journal of Computing Sciences in Colleges**, Volume 18 Issue 4
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November 1986 **Proceedings of the eighteenth annual ACM symposium on Theory of computing**
Publisher: ACM Press
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Tamara Munzner, Paul Burchard
January 1995 **Proceedings of the first symposium on Virtual reality modeling language**
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3 Discrete groups and visualization of three-dimensional manifolds
Charlie Gunn
September 1993 **Proceedings of the 20th annual conference on Computer graphics and interactive techniques**
Publisher: ACM Press
Full text available: pdf(784.44 KB) Additional Information: full citation, references, citings, index terms

Keywords: curvature, discrete group, geodesic, hyperbolic geometry, projective geometry, quotient space, spherical geometry, tessellation

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Jin-yi Cai
July 1992 **Proceedings of the twenty-fourth annual ACM symposium on Theory of computing**
Publisher: ACM Press
Full text available: pdf(829.24 KB) Additional Information: full citation, abstract, references, index terms

Hyperbolic groups are a rich class of groups frequently encountered in mathematical research, particularly in topology. It has been the focus of intense study by many combinatorial group theorists and topologists recently. We present some computational results for infinite groups, especially for hyperbolic groups. It is shown that the word

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